



1FW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Buchwald, S. L. et al.

Application No: 10/731,702

Filed: December 9, 2003

For: *Ligands For Metals and Improved
Metal-Catalyzed Processes Based
Thereon*

Examiner: Not Yet Known

Art Unit: 1626

Attorney Docket No.: MTV-014.05

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 11, 2004.


Brett Clemens

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97(b)(3)

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. §§ 1.56 and 1.97. Copies of the documents are also submitted.

Applicants respectfully request that the Examiner consider the listed documents and indicate that each was considered by making appropriate notations on the attached Form 1449.

This submission does not represent that a search has been made or that no better art exists. See 37 C.F.R. § 1.97(g). Nor does it constitute an admission that the listed documents are material or constitute "prior art." See 37 C.F.R. § 1.97(h). If the Examiner applies the cited documents as prior art against any claim in this application or related application and Applicants determine that the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of said document.

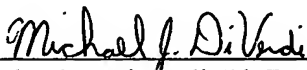
Applicants further reserve the right to take appropriate action to establish the patentability of claims over the listed documents, should the cited documents be applied against the claims of the present application or related applications.

Under 37 C.F.R. § 1.97 (b)(3), this Supplemental Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits; therefore, no fee is believed to be due in connection with this submission. However, the Commissioner is authorized to charge any deficiencies or credit any overpayment to/from our **No. 06-1448, Ref. No. MTV-014.05.**

Respectfully submitted,
FOLEY HOAG LLP

Dated: November 11, 2004

Customer No. 25181
Patent Group
FOLEY HOAG LLP
155 Seaport Blvd
Boston, MA 02210-2600
Tel.: (617) 832-1000
Fax: (617) 832-7000



Michael J. DiVerdi, Ph.D.
Reg. No. 51,620
Agent for Applicants

Form PTO-1449		Docket Number (Optional) MTV-014.05		Application Number 10/731,702	
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION / IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant Buchwald, S.L.			
		Filing Date 12/09/03		Group Art Unit 1626	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
	AC 5,663,426	09/02/97	Albanese et al.	562	35 10/02/95
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages Etc.)</i>					
	AD	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA) Fabbri et al., CA:121:108962 "Binaphthyl-substituted chiral phosphines and oxides from binaphthophospholes and nucleophiles" abs of Synthetic Comm., 1994, Vol. 24, No. 9, pages 1271-1278			
	AE	Database CAPLUS on STN Chemical Abstract (Columbus, Ohio USA), Old et al., CA 133:43406 "Efficient Palladium-Catalyzed N-Arylation of Indoles" abs of Organic Letters. 200, Vol. 2, No. 10, pages 1403-1406			
	AF	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA) Tomori et al. CA:133:266921 "An Improved Synthesis of Functionalized Biphenyl-Based Phosphine Ligands" abs of Journal of Organic Chemistry. 2000, Vol. 65, No. 17, pages 5334-5341			
	AG	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA), Van Der Winkel et al., CA:114:229033 "Investigations of highly crowded phosphino lambda 3, lambda 5-diphosphaphenanthrene" abs of Heteroatom Chemistry. 1991, Vol. 2, No. 1, pages 17-28			
	AH	Database CAPLUS on STN Chemical Abstracts (Columbus, Ohio USA), Huang et al., CA:139:117168 "Expanding Pd-Catalyzed Bond Forming Processes: The First Amidation of Aryl Sulfonates, Aqueous Amination and Complementary with Cu-Catalyzed Reactions, abs of J. Amer. Chem. Soc. 2003, Vol. 125, No. 22, pages 6653-6655			
	AI	International Search Report, PCT/US03/38945 mailed on October 12, 2004			
EXAMINER				DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE